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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/992,413	11/18/2001	William Ho Chang	1282-011/MMM	5528
21034	7590	06/29/2007		
IPSOLON LLP 111 SW COLUMBIA SUITE 710 PORTLAND, OR 97201			EXAMINER NAWAZ, ASAD M	
			ART UNIT 2155	PAPER NUMBER
			MAIL DATE 06/29/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	09/992,413	CHANG ET AL.	
	Examiner	Art Unit	
	Asad M. Nawaz	2155	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 07 June 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 11-22 and 32-58 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 11-22 and 32-58 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☒ Certified copies of the priority documents have been received in Application No. _____.
3. ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This action is responsive to the election made without traverse on 6/7/07. Group II consisting of claims 11-22 and 35-58 were elected. Accordingly, claims 11-22 and 35-58 are pending prosecution.

Election/Restrictions

2. Applicant's election without traverse of Group II in the reply filed on 6/7/07 is acknowledged.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 11, 13-15 and 32-58 are rejected under 35 U.S.C. 102(e) as being anticipated by Tan et al (USPN: 6760745) hereinafter Tan.

As to claim 11, Tan teaches data output service system for rendering at an output device output content managed from an information apparatus, comprising: means for delivering a document object and an output device object to a server application operated on a server that is distinct from the information apparatus and the

Art Unit: 2155

output device, the document object relating to the output content and the output device object having one or more attributes corresponding to the output device (col 3, line s52-61);

means for generating with the server application output data related to the output device for rendering the output content (col 4, lines 3-10);

and means for delivering the output data to the output device for rendering the output content (col 4, lines 17-27).

As to claim 13, Tan teaches the system of claim 11 in which the means for delivering the document object and the output device object to the server application and the means for delivering the output data to the output device are included in an output controller associated with the output device (col 4, lines 3-27).

As to claim 14 Tan teaches the system of claim 13 in which the output controller is included in the selected output device (col 4, lines 3-27).

As to claim 15 Tan teaches the system of claim 13 in which the output device includes a display output control unit and the output controller is included in the display output control unit of the output device (col 4, lines 3-27).

Claims 32-58 present no further limitations above claims 11, 13-15 and 32-58 and are thus rejected under similar rationale.

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 12 and 16-22 rejected under 35 U.S.C. 103(a) as being unpatentable over Tan further in view of Stewart et al (USPGPUB 2004/0057075).

As to claim 12, Tan teaches the system of claim 11 however does not explicitly indicate means for obtaining payment information from the information apparatus corresponding to payment for the data output service provided at the output device.

Stewart et al teaches means for obtaining payment information from the information apparatus corresponding to payment for the data output service provided at the output device (0052).

It would have been obvious to one of ordinary skill in the art at the time of the invention to incorporate the teachings of Stewart et al into those of Tan to make the system more user friendly. By providing a large pool of resources to the users and letting them decide whether the fee is fair, a user friendly system can be achieved.

As to claim 16 Tan teaches the system of claim 11 however does not explicitly indicate in which the output device is a printer.

Stewart et al teaches the output device is a printer (0052).

Art Unit: 2155

It would have been obvious to one of ordinary skill in the art at the time of the invention to incorporate the teachings of Stewart et al into those of Tan to make the system more user friendly. By providing a large pool of resources to the users and letting them decide whether the fee is fair, a user friendly system can be achieved.

As to claim 17 Tan teaches the system of claim 11 but does not explicitly teach the information apparatus includes a portable computing device.

Stewart teaches the information apparatus includes a portable computing device (0052).

It would have been obvious to one of ordinary skill in the art at the time of the invention to incorporate the teachings of Stewart et al into those of Tan to make the system more user friendly. By providing a large pool of resources to the users and letting them decide whether the fee is fair, a user friendly system can be achieved.

As to claim 18, Tan teaches the system of claim 12 but does not teach the payment information is provided automatically by the information apparatus.

Stewart et al teaches the payment information is provided automatically by the information apparatus (0052).

It would have been obvious to one of ordinary skill in the art at the time of the invention to incorporate the teachings of Stewart et al into those of Tan to make the system more user friendly. By providing a large pool of resources to the users and letting them decide whether the fee is fair, a user friendly system can be achieved.

Art Unit: 2155

As to claim 19 Tan teaches the system of claim 12 but does not teach in which the payment information is provided through the information apparatus as entered by a user in response to a prompt to enter payment information.

Stewart et al teaches the payment information is provided through the information apparatus as entered by a user in response to a prompt to enter payment information (0052).

It would have been obvious to one of ordinary skill in the art at the time of the invention to incorporate the teachings of Stewart et al into those of Tan to make the system more user friendly. By providing a large pool of resources to the users and letting them decide whether the fee is fair, a user friendly system can be achieved.

As to claim 20 Tan teaches the system of claim 12 but does not teach the payment information includes data output service subscriber information corresponding to a pre-arranged subscription to the data output service.

Stewart et al teaches the payment information includes data output service subscriber information corresponding to a pre-arranged subscription to the data output service (0052).

It would have been obvious to one of ordinary skill in the art at the time of the invention to incorporate the teachings of Stewart et al into those of Tan to make the system more user friendly. By providing a large pool of resources to the users and letting them decide whether the fee is fair, a user friendly system can be achieved.

Art Unit: 2155

As to claim 21, Tan teaches the system of claim 20 but does not teach correlating the data output service subscriber information with a subscriber database that stores subscriber profiles with subscription payment information.

Stewart et al teaches correlating the data output service subscriber information with a subscriber database that stores subscriber profiles with subscription payment information (0052).

It would have been obvious to one of ordinary skill in the art at the time of the invention to incorporate the teachings of Stewart et al into those of Tan to make the system more user friendly. By providing a large pool of resources to the users and letting them decide whether the fee is fair, a user friendly system can be achieved.

As to claim 22, Tan teaches the system of claim 11 but does not teach obtaining authentication information from the information apparatus to authenticating permission for the information apparatus to access the data output service.

Stewart teaches obtaining authentication information from the information apparatus to authenticating permission for the information apparatus to access the data output service (0052).

It would have been obvious to one of ordinary skill in the art at the time of the invention to incorporate the teachings of Stewart et al into those of Tan to make the system more user friendly. By providing a large pool of resources to the users and letting them decide whether the fee is fair, a user friendly system can be achieved.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Asad M. Nawaz whose telephone number is (571) 272-3988. The examiner can normally be reached on M-F 8-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Saleh Najjar can be reached on (571) 272-4006. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

AMN



SALEH NAJJAR
SUPERVISORY PATENT EXAMINER